



Handy PEA 、Pocket PEA 参考文献

更多参考文献正在整理中……

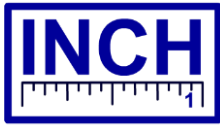
- Peers G, Price NM. Copper-containing plastocyanin used for electron transport by an oceanic diatom. *Nature*, 2006, 441, 341-344
- Woo HR, Chung KM, Park JH, etc. ORE9, an F-Box Protein That Regulates Leaf Senescence in Arabidopsis. *Plant Cell*, 2011, 13: 1779 - 1790
- Ishizaki K, Larson, TR, Schauer N, etc. The Critical Role of Arabidopsis Electron-Transfer Flavoprotein: Ubiquinone Oxidoreductase during Dark-Induced Starvation. *Plant Cell*, 2005, 17: 2587-2600
- Saidi Y, Finka A, Muriset M, etc. The Heat Shock Response in Moss Plants Is Regulated by Specific Calcium-Permeable Channels in the Plasma Membrane. *Plant Cell*, 2009, 21: 2829-2843
- Sakamoto W, Zaltsman A, Adam Z, etc. Coordinated Regulation and Complex Formation of YELLOW VARIEGATED1 and YELLOW VARIEGATED2, Chloroplastic FtsH Metalloproteases Involved in the Repair Cycle of Photosystem II in Arabidopsis Thylakoid Membranes. *Plant Cell*, 2003, 15: 2843-2855
- Huang WH, Ling QH, Jarvis P, etc. In Vivo Analyses of the Roles of Essential Omp85-Related Proteins in the Chloroplast Outer Envelope Membrane. *Plant Physiology*, 2011, 157: 147-159
- Dinc E, Toth SZ, Schansker G, etc. Synthetic Antisense Oligodeoxynucleotides to Transiently Suppress Different Nucleus- and Chloroplast-Encoded Proteins of Higher Plant Chloroplasts. *Plant Physiology*, 2011, 157: 1628-1641
- Phung TH, Jung H, Park JH. Porphyrin Biosynthesis Control under Water Stress: Sustained Porphyrin Status Correlates with Drought Tolerance in Transgenic Rice. *Plant Physiology*, 2011, 157: 1746-1764
- Cardol P, Gloire G, Franck, etc. Photosynthesis and State Transitions in Mitochondrial Mutants of *Chlamydomonas reinhardtii* Affected in Respiration. *Plant Physiology*, 2003, 133: 2010-2020
- Jiang CD, Wang xin, Gao HY. Systemic Regulation of Leaf Anatomical Structure, Photosynthetic Performance, and High-Light Tolerance in Sorghum. 2011, 155: 1416-1424



- Dewez D, Park S, Melis A, etc. Mechanism of REP27 Protein Action in the D1 Protein Turnover and Photosystem II Repair from Photodamage. *Plant Physiology*, 2009, 151: 88-99
- Jeong WJ, Park Y, Suh K, etc. A Large Population of Small Chloroplasts in Tobacco Leaf Cells Allows More Effective Chloroplast Movement Than a Few Enlarged Chloroplasts. *Plant Physiology*, 2002, 129: 112-121
- Toth SZ, Nagy V, Puthur JT, etc. The Physiological Role of Ascorbate as Photosystem II Electron Donor: Protection against Photoinactivation in Heat-Stressed Leaves. *Plant Physiology*, 2011, 156: 382-392
- Loizeau KL, Gambonnet B, Zhang GF, etc. Regulation of One-Carbon Metabolism in Arabidopsis: The N-Terminal Regulatory Domain of Cystathionine γ -Synthase Is Cleaved in Response to Folate Starvation. *Plant Physiology*, 2007, 145:491-503
- Shahbazi M, Gilbert M, Laboure AM, etc. Dual Role of the Plastid Terminal Oxidase in Tomato. *Plant Physiology*, 2007, 145: 691-702
- Jansen MAK, Noort RE, Adillah MY, etc. Phenol-Oxidizing Peroxidases Contribute to the Protection of Plants from Ultraviolet Radiation Stress. *Plant Physiology*, 2001, 126: 1012-1023
- Franck F, Sperling U, Frick G, etc. Regulation of Etioplast Pigment-Protein Complexes, Inner Membrane Architecture, and Protochlorophyllide a Chemical Heterogeneity by Light-Dependent NADPH:Protochlorophyllide Oxidoreductases A and B. *Plant Physiology*, 2000, 124: 1678-1696
- Beisel KG, Jahnke S, Hofmann D, etc. Continuous Turnover of Carotenes and Chlorophyll a in Mature Leaves of Arabidopsis Revealed by ^{14}C Pulse-Chase Labeling. *Plant Physiology*, 2010, 152: 2188-2199
- Li QB, Guy CL. Evidence for Non-Circadian Light/Dark-Regulated Expression of Hsp70s in Spinach Leaves. *Plant Physiology*, 2001, 4(125): 1633 - 1642 (Handy PEA)
- Toth SZ, Puthur JT, Nagy V. Experimental Evidence for Ascorbate-Dependent Electron Transport in Leaves with Inactive Oxygen-Evolving Complexes. *Plant Physiology*, 2009, 3(149): 1568 - 1578 (Handy PEA)
- Trotta A, Wrzaczek M, Scharte J. Regulatory Subunit B γ of Protein Phosphatase 2A Prevents Unnecessary Defense Reactions under Low Light in Arabidopsis. *Plant Physiology*, 2011, 7(156): 1464 - 1480 (Ciras-1, Handy PEA)



- Rossini S, Casazza AP, Engelmann ECM. Suppression of Both ELIP1 and ELIP2 in Arabidopsis Does Not Affect Tolerance to Photoinhibition and Photooxidative Stress. *Plant Physiology*, 2006, 8(141): 1264 - 1273 (Handy PEA)
- Lepisto A, Kangasjaervi S, Luomala E. Chloroplast NADPH-Thioredoxin Reductase Interacts with Photoperiodic Development in Arabidopsis. *Plant Physiology*, 2009, 3(149): 1261 - 1276 (Handy PEA)
- Foster B, C. Osmond B, Pogson BJ. De Novo Synthesis and Degradation of Lx and V Cycle Pigments during Shade and Sun Acclimation in Avocado Leaves. *Plant Physiology*, 2009, 2(149): 1179 - 1195 (Handy PEA)
- Sung DY, Guy CL. Physiological and Molecular Assessment of Altered Expression of Hsc70-1 in Arabidopsis. Evidence for Pleiotropic Consequences. *Plant Physiology*, 2003, 6(132): 979 - 987 (Handy PEA)
- Husted Søren, Laursen KH, Heber CA. Manganese Deficiency Leads to Genotype-Specific Changes in Fluorescence Induction Kinetics and State Transitions. *Plant Physiology*, 2009, 6(150): 825 - 833 (Handy PEA)
- Ghannoum O, Evans JR, Chow WS. Faster Rubisco Is the Key to Superior Nitrogen-Use Efficiency in NADP-Malic Enzyme Relative to NAD-Malic Enzyme C4 Grasses. *Plant Physiology*, 2005, 2(137): 611 - 622 (Handy PEA)
- Park SK, Jung YJ, Lee JR. Heat-Shock and Redox-Dependent Functional Switching of an h-Type Arabidopsis Thioredoxin from a Disulfide Reductase to a Molecular Chaperone. *Plant Physiology*, 2009, 6(150): 552 - 561 (Handy PEA)
- Purnell MP, Botella JR. Tobacco Isoenzyme 1 of NAD(H)-Dependent Glutamate Dehydrogenase Catabolizes Glutamate in Vivo [OA]. *Plant Physiology*, 2007, 1(143): 530 - 539 (Handy PEA)
- Pedraza P, Ytterling CK, Fuglsang AT. Manganese Efficiency in Barley: Identification and Characterization of the Metal Ion Transporter HvIRT1. *Plant Physiology*, 2008, 9(148): 455 - 466 (Handy PEA)
- Patel R, Hsu SC, Beard J. The Omp85-Related Chloroplast Outer Envelope Protein OEP80 Is Essential for Viability in Arabidopsis. *Plant Physiology*, 2008, 9(148): 235 - 245 (Handy PEA)
- Ali NA, Dewez D, Didur O, Popovic R. Inhibition of photosystem II photochemistry by Cr is caused by the alteration of both D1 protein and oxygen evolving complex. *Photosynth Res*, 2006, 89: 81-87
- Appenroth K J, Stöckel J, Srivastava A, Strasser R J. Multiple effects of chromate on the photosynthetic apparatus of *Spirodela polyrhiza* as probed by OJIP chlorophyll a fluorescence. *Environmental Pollution*, 2001, 115: 49-64



- Chen HX, Li WJ, An SZ, Gao HY. Characterization of PSII photochemistry and thermostability in salt treated Rumex leaves. *Journal of Plant Physiology*, 2004, 161: 257-264
- Chen LS, Li PM, Cheng LL. Effects of high temperature coupled with high light on the balance between photooxidation and photoprotection in the sun-exposed peel of apple. *Planta*, 2008
- Chen SG, Dai XB, Qiang S, Tang Y. Effect of a nonhost-selective toxin from *Alternaria alternata* on chloroplast-electron transfer activity in *Eupatorium adenophorum*. *Plant Pathology*, 2005, 54:671-677
- Chen SG, Xu XM, Dai XB, Yang CL, Qiang S. Identification of tenuazonic acid as a novel type of natural photosystem II inhibitor in QB-site of *Chlamydomonas reinhardtii*. *Biochimica et Biophysica Acta(BBA)*, 2007, 1767:306-318
- Chen SG, Yin CY, Dai XB, Qiang S, Xu XM. Action of tenuazonic acid, a natural phytotoxin, on photosystem II of spinach. *Environmental and Experimental Botany*, 2008, 62: 279-289
- Dai JM, Gao HY, Dai YH, Zou Q. Changes in activity of energy dissipating mechanisms in wheat flag leaves during senescence. *Plant Biology*, 2004, 6: 171-177
- Demiral T, Turkan I. Exogenous glycinebetaine affects growth and proline accumulation and retards senescence in two rice cultivars under NaCl stress. *Environmental and Experimental botany*, 2006, 52: 72-79 脯氨酸延缓衰老
- Dudeja SS, Chaudhary P. Fast fluorescence transient and nitrogen fixing ability of chickpea nodulation variants. *Photosynthetica*, 2005, 43(2): 253-259 育种与固氮
- Force L, Critchley C, van Rensen JJS. New fluorescence parameters for monitoring photosynthesis in plants. *Photosynthesis Research.*, 2003, 78: 17-33 新的监测光合作用的荧光参数
- Han Han, Shan Gao, Bin Li, Xin-Chun Dong, Hai-Long Feng, Qing-Wei Meng. Overexpression of violaxanthin de-epoxidase gene alleviates photoinhibition of PSII and PSI in tomato during high light and chilling stress. *Journal of Plant Physiology*, 2010, 167: 176 - 183
- Jiang C D, Jiang G M, Wang X, Li L H, Biswas D K, Li Y G. Enhanced photosystem 2 thermostability during leaf growth of elm (*Ulmus pumila*) seedlings. *Photosynthetica*, 2006, 44(3): 411-418



- Jiang CD, Gao HY, Zou Q, Shi L. Effects of iron deficiency on photosynthesis and photosystem II function in soybean leaf. *Journal of Plant Physiology and Molecular Biology*, 2007
- Jiang CD, Gao HY, Zou Q. Changes of donor and acceptor side in photosystem 2 complex induced by iron deficiency in attached soybean and maize leaves. *Photosynthetica*, 2003, 41(2): 267-271
- Jiang CD, Gao HY, Zou Q. Changes of donor and acceptor side in photosystem 2 complex induced by iron deficiency in attached soybean and maize leaves. *Photosynthetica*, 2003, 41(2): 267-271
- Jiang CD, Jiang GM, Wang XZ, Li LH, Biswas DK, Li YG. Increased photosynthetic activities and thermostability of photosystem II with leaf development of elm seedling (*Ulmus pumila*) probed by the fast fluorescence rise OJIP. *Environmental and Experimental Botany*, 2006, 58: 261-268
- Jiang CD, Shi L, Gao HY, Strasser RJ. Development of photosystems 2 and 1 during leaf growth in grapevine seedlings probed by chlorophyll a fluorescence transient and 820nm transmission in vivo. *Photosynthetica*, 2006
- Li P M, Gao H Y, Strasser R J. Application of the chlorophyll fluorescence Induction dynamics in photosynthesis study. *Journal of Plant Physiology and Molecular Biology*, 2005, 31(6): 559-566 (in Chinese)
- Liangovan K, Canizares-Villanueva RO, Moreno SG, Voltolina D. Effect of cadmium and zinc on respiration and photosynthesis in suspended and immobilized cultures of *Chlorella vulgaris* and *Scenedesmus acutus*. *Bull Environ Contam Toxicol*, 1998, 60: 936-943
- Lv DG, Yu C, Yang L, Qin SJ, etc. Effects of foliar-applied L-glutamic acid on the diurnal variations of leaf gas exchange and chlorophyll fluorescence parameters in Hawthorn. *Europ. J. Hort. Sci*, 2009, 74(5): 204-209
- M. Rapacz, J. Koscielniak, B. Jurczyk, A. Adamska & M. Wojski. Different Patterns of Physiological and Molecular Response to Drought in Seedlings of Malt- and Feed-type Barleys (*Hordeum vulgare*). *J. Agronomy & Crop Science*, 2010, 196: 9-19.
- Misra AN, Stivastava A, Strasser RJ. Utilization of fast chlorophyll a fluorescence technique in assessing the salt sensitivity of mung bean and brassica seedlings. *Journal of plant physiology*, 2001, 158: 1173-1181
- Ouzounidou G, Ilias I. Hormone - induced protection of sunflower photosynthetic apparatus against copper toxicity. *Biologia Plantarum*, 2005, 49(2): 223-228



- Prakash JSS, Srivastava A, Strasser RJ, Mohanty P. Senescence-induced alterations in the photosystem II functions of *Cucumis sativus* cotyledons: Probing of senescence driven alterations of photosystem II by chlorophyll a fluorescence induction O-J-I-P transients. *Indian Journal of Biochemistry*, 2003, 40: 160-168
- Qiu N and Lu C (2003) Enhanced tolerance of photosynthesis against high temperature damage in salt-adapted halophyte *Atriplex centralasiatica* plants. *Plant Cell Environment* 26:
- Schansker G, Strasser RJ. Quantification of non-QB-reducing centers in leaves using a far-red per illumination. *Photosynthesis Research*, 2004, 1-7
- Schansker G, Tóth SZ and Strasser RJ (2005) Methylviologen and dibromothymoquinone treatments of pea leaves reveal the role of photosystem I in the Chl a fluorescence rise OJIP. *Biochimica et Biophysica Acta* 1706: 250-261
- Strasser B J. Donor side capacity of photosystem II probed by chlorophyll a fluorescence transient. *Photosynth Res*, 1997, 52: 147-155
- Strasser RJ and Govindjee (1991) The F₀ and the O-J-I-P fluorescence rise in higher plants and algae. In: Argyroudi-Akoyunoglou JH (ed) *Regulation of Chloroplast Biogenesis*. Plenum Press, New York, 423-436
- Strasser RJ and Govindjee (1992) On the O-J-I-P fluorescence transients in leaves and D1 mutants of *Chlamydomonas reinhardtii*. In: Murata N (ed) *Research in Photosynthesis*. Kluwer Academic Publishers, Dordrecht, Vol 4: 29-32
- Strasser RJ and Tsimilli-Michael M (1998) Activity and heterogeneity of PS II probed in vivo by the chlorophyll a fluorescence rise O-(K)-J-I-P. In: Garab G (ed) *Photosynthesis: Mechanisms and Effects*. Kluwer Academic Publishers, Dordrecht, 4321-4324
- Strasser RJ, Srivastava A and Govindjee (1995) Polyphasic chlorophyll a fluorescence transient in plants and cyanobacteria. *Photochemistry and Photobiology* 61: 32-42
- Strasser RJ, Srivastava A and Tsimilli-Michael M (1999) Screening the vitality and photosynthetic activity of plants by the fluorescence transient. In: Behl RK, Punia MS and Lather BPS (eds) *Crop Improvement for Food Security*. SSARM, Hisar, India, 72-115
- Strasser RJ, Srivastava A and Tsimilli-Michael M (2000) The fluorescence transient as a tool to characterize and screen photosynthetic samples. In: Yunus M, Pathre U



and Mohanty P (eds) Probing Photosynthesis: Mechanism, Regulation and Adaptation. London, Taylor and Francis, 445-483

Strasser RJ, Srivastava A and Govindjee (1997) Polyphasic chlorophyll a fluorescence transients. *Photosynthesis Research* 52: 147-155

Strasser RJ, Tsimilli-Michael M and Greppin H (1997) How excitation energy distribution indicates the complexity of a developing and to the environment adapting photosynthetic apparatus. In: Greppin H, Penel C and Simon P (eds) *Traveling Shot on Plant Development*. University of Geneva, 99-129

Strasser RJ, Tsimilli-Michael M and Srivastava (2004) Analysis of the chlorophyll a fluorescence transient. In: Papageorgiou G and Govindjee (eds) *Advances in Photosynthesis and Respiration*. Berlin, Springer, 321-362

Susplugas S, Srivastava A and Strasser RJ (2000) Changes in the photosynthetic activities during several stages of vegetative growth of *Spirodela polyrrhiza*: effect of chromate. *Journal of Plant Physiology* 157: 503-512

van Heerden PDR, Tsimilli-Michael, Kruger GHJ, Strasser RT. Dark chilling effects on soybean genotypes during vegetative development: parallel studies of CO₂ assimilation, chlorophyll a fluorescence kinetics O-J-I-P and nitrogen fixation. *Physiologia Plantarum*, 2003, 117: 476-491

van Rensen JJS, Vredenberg WJ, Rodrigues GC. Time sequence of the damage to the acceptor and donor sides of photosystem II by UV-B radiation as evaluated by chlorophyll a fluorescence. *Photosynth Res*, 2007 涉及紫外线

Wen X G, Qiu N W, Lu Q T, Lu CM. Enhanced thermotolerance of photosystem II in salt-adapted plants of the halophyte *Artemisia anethifolia*. *Planta*, 2002, 220: 486-497

Yu C, Lv DG, Qin SJ, Yang L, Ma HY, Liu GC, Changes in photosynthesis, fluorescence, and nitrogen metabolism of hawthorn (*Crataegus pinnatifida*) in response to exogenous glutamic acid. *Photosynthetica*, 2010. 48(3): 339-347

Zhang LT, Zhang ZS, Gao HY, Xue ZC, Yang C, Meng XL, Meng QW. Mitochondrial alternative oxidase pathway protects plants against photoinhibition by alleviating inhibition of the repair of photodamaged PSII through preventing formation of reactive oxygen species in *Rumex K-1* leaves. *Physiologia Plantarum* 2011, 143: 396-407

Zhang ZS, Jia YJ, Gao HY, Zhang LT, Li HD, Meng QW. Characterization of PSI recovery after chilling-induced



- photoinhibition in cucumber (*Cucumis sativus* L.) leaves. *Plant*. 2011, 234: 883-889
- 部建雯, 姚广, 高辉远, 贾裕娇, 张立涛, 程丹丹, 王鑫. 核盘菌(*Sclerotinia sclerotiorum* (Lib.) de Bary) 侵染抑制黄瓜光合作用的机理[J]. *植物病理学报*, 2009, 39(6): 613-621. (PEA \senior)
- 谷昕, 李志强, 姜闯道, 石雷, 张会金, 邢全. 水淹导致皇冠草光合机构发生变化并加剧其出水后光抑制. *生态学报*, 2009, 29(12): 6466-6474
- 韩彪, 陈国祥, 高志萍, 魏晓东, 解凯彬, 杨贤松. 银杏叶片衰老过程中 PS II 荧光动力学特性变化[J]. *园艺学报*, 2010, 37(2): 173-178.
- 郝海平, 姜闯道, 石雷, 唐宇丹, 姚涓, 李志强. 根系温度对光核桃幼苗光合机构热稳定性的影响[J]. *植物生态学报*, 2009, 33(5): 984-992
- 李川, 任安芝, 高玉葆. 内生真菌感染对宿主植物高羊茅锌耐受性的影响[J]. *生态学报*, 2010, 30(7): 1684-1692
- 李耕, 高辉远, 刘鹏, 杨吉顺, 董树亭, 张吉旺, 王敬锋. 氮素对玉米灌浆期叶片光合性能的影响[J]. *植物营养与肥料学报*, 2010, 16(3): 536-542. (PEA \senior)
- 李耕, 高辉远, 赵斌, 董树亭, 张吉旺, 杨吉顺, 王敬锋, 刘鹏. 灌浆期干旱胁迫对玉米叶片光系统活性的影响[J]. *作物学报*, 2009, 35(10): 1916-1922. (PEA \senior)
- 李宏伟, 李滨, 郑琪, 李振声. 小麦幼苗从低光到强光适应过程中光合和抗氧化酶变化[J]. *作物学报*, 2010, 36(3): 449-456.
- 李鹏民, 高辉远, Strasser R J. 快速叶绿素荧光诱导动力学分析在光合作用研究中的应用. *植物生理与分子生物学学报*, 2005, 31(6): 559-566
- 梁燕, 张坤普, 赵亮, 梁雪, 张雯婷, 孙晓琳, 孟庆伟, 田纪春, 赵世杰. 小麦苗期光合作用及其相关性状的 QTL 分析[J]. *作物学报*, 2010, 36(2): 267-265.
- 刘义玲, 李天来, 孙周平, 陈亚东. 根际低氧胁迫对网纹甜瓜光合作用、产量和品质的影响[J]. *园艺学报*, 2009, 36(10): 1465 - 1472
- 罗海波, 马苓, 段伟, 李绍华, 王利军. 高温胁迫对‘赤霞珠’葡萄光合作用的影响[J]. *中国农业科学*, 2010, 43(13): 2744-2750.
- 任丽丽, 高辉远. 低温弱光胁迫对野生大豆和大豆栽培种光系统功能的影响. *植物生理与分子生物学学报*, 2007, 33(4): 333-340
- 隋娜, 李萌, 田纪春, 孟庆伟, 赵世杰. 超高产小麦品种(系)生育后期光合特性的研究. *作物学报*, 2005, 31(6): 807-814
- 孙山, 张立涛, 高辉远, 束怀瑞, 王来平. 晴天条件下光、温变化对苹果绿色果皮原初光化学反应的影响[J]. *应用生态学报*, 2009, 20(10): 2431-2436.



- 谭伟, 李庆亮, 罗音, 王玮, 杨兴洪. 外源 CaCl_2 预处理对高温胁迫烟草叶片光合作用的影响 [J]. 中国农业科学, 2009, 42(11):3871-3879.
- 王利, 杨洪强, 范伟国, 张召. 平邑甜茶叶片光合速率及叶绿素荧光参数对氯化镉处理的响应 [J]. 中国农业科学, 2010, 43(15):3176-3183.
- 王鑫, 李志强, 谷卫彬, 石雷, 唐宇丹, 高辉远, 赵世杰, 姜闯道. 盐胁迫下高粱新生叶片结构和光合特性的系统调控 [J]. 作物学报, 2010, 36(11): 1941-1949. (Ciras-1)
- 徐爱东, 邱念伟, 娄苑颖. 判断玉米幼苗缺氮程度的叶绿素荧光动力学指标 [J]. 植物营养与肥料学报, 2010, 16(2):498-503.
- 姚广, 高辉远, 王未未, 张立涛, 部建雯. 铅胁迫对玉米幼苗叶片光系统功能及光合作用的影响. 生态学报, 29 (3): 1162-1169
- 张亚黎, 罗毅, 姚贺盛, 田景山, 罗宏海, 张旺锋. 田间条件下海岛棉和陆地棉花铃期叶片光保护的机制 [J]. 植物生态学报, 2010, 34 (10): 1204 - 1212
- 张子山, 张立涛, 高辉远, 贾裕娇, 部建雯, 孟庆伟. 不同光强与低温交叉胁迫下黄瓜 PS I 与 PS II 的光抑制研究 [J]. 中国农业科学, 2009, 42(12): 4288-4293. (PEA \senior))
- 郑秋玲, 谭伟, 马宁, 翟衡. 钙对高温下巨峰葡萄叶片光合作用和叶绿素荧光的影响 [J]. 中国农业科学, 2010, 43(9):1963-1968.