Ramchandra Pode Male

List of Publications by Year
in descending order

57	2,713	304743	182427
papers	citations	22 h-index	51 g-index

57	57	57	3504
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Efficient cathode contacts through Ag-doping in multifunctional strong nucleophilic electron transport layer for high performance inverted OLEDs. Organic Electronics, 2021, 89, 106031.	2.6	8
2	A Deep Blue Strong Microcavity Organic Lightâ€Emitting Diode Optimized by a Low Absorption Semitransparent Cathode and a Narrow Bandwidth Emitter. Advanced Photonics Research, 2021, 2, 2000122.	3.6	6
3	Appraisal of Structural, Thermal, and Optical Properties of Novel Bluish-Violet Light-Emitting Cyclometallated Iridium (III) (Cl-H-DPQ)2Ir(acac) Complex for OLED Devices. ECS Journal of Solid State Science and Technology, 2021, 10, 076006.	1.8	1
4	Highly reliable and transparent Al doped Ag cathode fabricated using thermal evaporation for transparent OLED applications. Organic Electronics, 2020, 76, 105418.	2.6	33
5	Organic light emitting diode devices: An energy efficient solid state lighting for applications. Renewable and Sustainable Energy Reviews, 2020, 133, 110043.	16.4	113
6	An accurate measurement of the dipole orientation in various organic semiconductor films using photoluminescence exciton decay analysis. Physical Chemistry Chemical Physics, 2019, 21, 7083-7089.	2.8	14
7	Degradation of OLED performance by exposure to UV irradiation. RSC Advances, 2019, 9, 42561-42568.	3.6	18
8	Low absorption semi-transparent cathode for micro-cavity top-emitting organic light emitting diodes. Organic Electronics, 2018, 52, 153-158.	2.6	22
9	Next generation smart window display using transparent organic display and light blocking screen. Optics Express, 2018, 26, 8493.	3.4	22
10	OLED Pixel Shrinkage Dependence with Cathode Influenced by Thermal Effect. IEEE Electron Device Letters, 2018, , 1-1.	3.9	2
11	Stoichiometric p-type Cu 2 O thin films prepared by reactive sputtering with facing target. Thin Solid Films, 2017, 623, 121-126.	1.8	19
12	Efficient micro-cavity top emission OLED with optimized Mg:Ag ratio cathode. Optics Express, 2017, 25, 29906.	3.4	47
13	Study of Cu-doped SnO thin films prepared by reactive co-sputtering with facing targets of Sn and Cu. Thin Solid Films, 2016, 608, 102-106.	1.8	20
14	Solution to sustainable rural electrification in Myanmar. Renewable and Sustainable Energy Reviews, 2016, 59, 107-118.	16.4	35
15	Potential applications of rice husk ash waste from rice husk biomass power plant. Renewable and Sustainable Energy Reviews, 2016, 53, 1468-1485.	16.4	515
16	High Efficiency Top-Emission Organic Light Emitting Diodes with Second and Third-Order Microcavity Structure. ECS Journal of Solid State Science and Technology, 2016, 5, R3131-R3137.	1.8	14
17	Sustainable rural electrification using rice husk biomass energy: A case study of Cambodia. Renewable and Sustainable Energy Reviews, 2015, 44, 530-542.	16.4	33
18	Battery charging stations for home lighting in Mekong region countries. Renewable and Sustainable Energy Reviews, 2015, 44, 543-560.	16.4	18

#	Article	IF	Citations
19	Recycling mobile phone batteries for lighting. Renewable Energy, 2015, 78, 509-515.	8.9	18
20	Device performances of third order micro-cavity green top-emitting organic light emitting diodes. Organic Electronics, 2015, 26, 458-463.	2.6	30
21	Potential of lithium-ion batteries in renewable energy. Renewable Energy, 2015, 76, 375-380.	8.9	680
22	Effectiveness of a polyvinylpyrrolidone interlayer on a zinc oxide film for interfacial modification in inverted polymer solar cells. RSC Advances, 2014, 4, 49855-49860.	3.6	15
23	High-Performance Organic Light-Emitting Diode Displays. Integrated Circuits and Systems, 2013, , 57-81.	0.2	2
24	A Comparative Study of the VOCin CuPc and SubPc Organic Solar Cells. Molecular Crystals and Liquid Crystals, 2013, 585, 128-137.	0.9	1
25	Financing LED solar home systems in developing countries. Renewable and Sustainable Energy Reviews, 2013, 25, 596-629.	16.4	63
26	Development of solar home systems for home lighting for the base of the pyramid population. Sustainable Energy Technologies and Assessments, 2013, 3, 27-32.	2.7	10
27	Initiative for 100% rural electrification in developing countries: Case study of Senegal. Energy Policy, 2013, 59, 926-930.	8.8	29
28	A highly efficient transition metal oxide layer for hole extraction and transport in inverted polymer bulk heterojunction solar cells. Journal of Materials Chemistry A, 2013, 1, 6895.	10.3	63
29	Efficiency Control in Iridium Complex-Based Phosphorescent Light-Emitting Diodes. Advances in Materials Science and Engineering, 2012, 2012, 1-14.	1.8	22
30	Thermal Annealing Effect of Subphthalocyanine (SubPc) Donor Material in Organic Solar Cells. Molecular Crystals and Liquid Crystals, 2012, 565, 8-13.	0.9	5
31	Soluble processed low-voltage and high efficiency blue phosphorescent organic light-emitting devices using small molecule host systems. Organic Electronics, 2012, 13, 586-592.	2.6	49
32	On the problem of open circuit voltage in metal phthalocyanine/C60 organic solar cells. Advanced Materials Letters, 2012, 2, 3-11.	0.6	14
33	OLED Lighting Technology. Green Energy and Technology, 2011, , 97-149.	0.6	3
34	Study of Nanoscale Photopolymerized Fullerene Clusters in Solution Droplets Using an Ultrasonic Nebulizer Unit. Journal of Nanoscience and Nanotechnology, 2011, 11, 6463-6467.	0.9	0
35	Hydrophobic Properties of Polytetrafluoroethylene Thin Films Fabricated at Various Catalyzer Temperatures Through Catalytic Chemical Vapor Deposition Using a Tungsten Catalyzer. Journal of Nanoscience and Nanotechnology, 2011, 11, 5829-5833.	0.9	3
36	Synthesis and photophysics of a new deep red soluble phosphorescent iridium(III) complex based on chlorine-methyl-substituted 2,4 diphenyl quinoline. Journal of Physics and Chemistry of Solids, 2011, 72, 1524-1528.	4.0	7

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37	Efficiency optimization of green phosphorescent organic light-emitting device. Thin Solid Films, 2011, 519, 3259-3263.	1.8	17
38	Why Clean Energy?. Green Energy and Technology, 2011, , 1-18.	0.6	0
39	Acceptability of Solar Powered LED Lighting. Green Energy and Technology, 2011, , 151-174.	0.6	0
40	Solution to enhance the acceptability of solar-powered LED lighting technology. Renewable and Sustainable Energy Reviews, 2010, 14, 1096-1103.	16.4	56
41	Addressing India's energy security and options for decreasing energy dependency. Renewable and Sustainable Energy Reviews, 2010, 14, 3014-3022.	16.4	38
42	High efficiency red phosphorescent organic light-emitting diodes with single layer structure. Organic Electronics, 2010, 11, 179-183.	2.6	34
43	Low-Voltage, Simple-Structure, High-Efficiency pâ€“iâ€“n-Type Electrophosphorescent Blue Organic Light-Emitting Diodes. Japanese Journal of Applied Physics, 2010, 49, 102102.	1.5	6
44	Solution processed efficient orange phosphorescent organic light-emitting device with small molecule host. Journal Physics D: Applied Physics, 2010, 43, 025101.	2.8	10
45	Optical Properties of Eu$_x$Re$_{(1-x)}$(TTA)$_3$Phen Organic Complexes in Different Solvents. Journal of the Korean Physical Society, 2010, 57, 746-751.	0.7	18
46	Efficient multiple triplet quantum well structures in organic light-emitting devices. Applied Physics Letters, 2009, 95, .	3.3	38
47	Small molecule interlayer for solution processed phosphorescent organic light emitting device. Organic Electronics, 2009, 10, 189-193.	2.6	67
48	Ideal host and guest system in phosphorescent OLEDs. Organic Electronics, 2009, 10, 240-246.	2.6	186
49	Efficient red light phosphorescence emission in simple bi-layered structure organic devices with fluorescent host-phosphorescent guest system. Current Applied Physics, 2009, 9, 1151-1154.	2.4	5
50	Low voltage efficient simple p-i-n type electrophosphorescent green organic light-emitting devices. Applied Physics Letters, 2009, 94, 133303.	3.3	40
51	Stable Efficiency Roll-off in Solution-processed PhosphorescentGreen Organic Light-emitting Diodes. Journal of the Korean Physical Society, 2009, 55, 327-330.	0.7	5
52	Efficient simple structure red phosphorescent organic light emitting devices with narrow band-gap fluorescent host. Applied Physics Letters, 2008, 92, .	3.3	79
53	Highly efficient bilayer green phosphorescent organic light emitting devices. Applied Physics Letters, 2008, 92, 113311.	3.3	59
54	Low roll-off efficiency green phosphorescent organic light-emitting devices with simple double emissive layer structure. Applied Physics Letters, 2008, 93, .	3.3	89

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55	Pâ€209: New Green Phosphorescent Host Materials. Digest of Technical Papers SID International Symposium, 2008, 39, 1993-1996.	0.3	0
56	Electrical Characterization of N- and P-Doped Hole and Electron Only Organic Devices. Journal of Nanoscience and Nanotechnology, 2008, 8, 5606-5609.	0.9	10
57	High Efficiency Red Phosphorescent Organic Light-Emitting Diodes with Simple Structure. , 0, , .		2