

Mohammad Reza Dousti

List of Publications by Year in descending order

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67
papers

2,008
citations

185998

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68
all docs

68
docs citations

68
times ranked

1190
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of the energy performance of refrigeration systems using nanofluids: a systematic and critical review. <i>Revista Principia</i> , 2023, 60, 664.	0.1	0
2	Spectral studies of highly Dy ³⁺ doped PbO–ZnO–B ₂ O ₃ –P ₂ O ₅ glasses. <i>Journal of Luminescence</i> , 2021, 231, 117839.	1.5	12
3	Influence of PbF ₂ content on optical thermometry of Er ³⁺ /Yb ³⁺ co-doped tungsten sodium phosphate glasses. <i>Optical Materials</i> , 2021, 112, 110723.	1.7	6
4	Spectroscopic study of Er ³⁺ -doped zinc-tellurite glass and opaque glass-ceramic. <i>Solid State Sciences</i> , 2021, 112, 106444.	1.5	5
5	Enhanced thermometry parameters in Er ³⁺ -doped zinc tellurite glasses containing silver nanoparticles. <i>Optik</i> , 2021, 240, 166929.	1.4	4
6	Upconversion and 1.53- μ m near-infrared luminescence study of the Er ³⁺ -Yb ³⁺ co-doped novel phosphate glasses. <i>Optik</i> , 2020, 200, 163426.	1.4	13
7	Structural and optical study of erbium doped borophosphate glasses. <i>Optik</i> , 2020, 206, 163707.	1.4	6
8	Tungsten sodium phosphate glasses doped with trivalent rare earth ions (Eu ³⁺ , Tb ³⁺ , Nd ³⁺ and Er ³⁺) for visible and near-infrared applications. <i>Journal of Non-Crystalline Solids</i> , 2020, 530, 119838.	1.5	19
9	Effect of silver and antimony on optical properties of tungsten-phosphate glasses. <i>Journal of Luminescence</i> , 2020, 223, 117191.	1.5	0
10	Effect of CeO ₂ and Eu ₂ O ₃ on the calorimetric behavior of Si–Al–Zn–K–Ti oxide glass. <i>Solid State Sciences</i> , 2020, 107, 106315.	1.5	0
11	Calculation of Judd Ofelt parameters: Sm ³⁺ ions doped in zinc magnesium phosphate glasses. <i>Solid State Communications</i> , 2019, 298, 113632.	0.9	11
12	Concentration dependent luminescence and cross-relaxation energy transfers in Tb ³⁺ doped fluoroborate glasses. <i>Journal of Luminescence</i> , 2019, 205, 282-286.	1.5	54
13	Lanthanide-Doped Zinc Oxyfluorotellurite Glasses. , 2018, , 143-177.		0
14	Optical Sensing Based on Rare-Earth-Doped Tellurite Glasses. , 2018, , 179-201.		0
15	Enhanced luminescence properties of Nd ³⁺ doped boro-tellurite glasses via silver additive. <i>Optik</i> , 2017, 136, 553-557.	1.4	16
16	Crystallization, mechanical, and optical properties of transparent, nanocrystalline gahnite glass-ceramics. <i>Journal of the American Ceramic Society</i> , 2017, 100, 1963-1975.	1.9	45
17	Effect of silver nanoparticles on the upconversion and near-infrared emissions of Er ³⁺ :Yb ³⁺ co-doped zinc tellurite glasses. <i>Measurement: Journal of the International Measurement Confederation</i> , 2017, 105, 114-119.	2.5	18
18	Lanthanide coordination polymers with N-methyliminodipropionic acid: Synthesis, crystal structures and luminescence. <i>Inorganica Chimica Acta</i> , 2017, 462, 308-314.	1.2	2

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19	Eu ³⁺ and Ce ³⁺ co-doped aluminosilicate glasses and transparent glass-ceramics containing gahnite nanocrystals. <i>Optical Materials</i> , 2017, 69, 372-377.	1.7	11
20	Luminescence dynamics in Eu ³⁺ doped fluoroborate glasses. <i>Journal of Luminescence</i> , 2017, 192, 827-831.	1.5	15
21	Enhancement of down- and upconversion intensities in Er ³⁺ /Yb ³⁺ co-doped oxyfluoro tellurite glasses induced by Ag species and nanoparticles. <i>Journal of Luminescence</i> , 2017, 192, 250-255.	1.5	18
22	Enhanced VIS and NIR emissions of Pr ³⁺ ions in TZYN glasses containing silver ions and nanoparticles. <i>Journal of Alloys and Compounds</i> , 2017, 695, 607-612.	2.8	48
23	Optical Investigation of Sm ³⁺ Doped in Phosphate Glass. <i>Glass Physics and Chemistry</i> , 2017, 43, 538-547.	0.2	24
24	Enhanced 1.06 μ m emission in Nd ³⁺ -doped lead-tellurite glasses doped with silver nanoparticles. <i>Journal of Nanophotonics</i> , 2016, 10, 046010.	0.4	4
25	Quantum cutting and up-conversion investigations in Pr ³⁺ /Yb ³⁺ co-doped oxyfluoro-tellurite glasses. <i>Journal of Non-Crystalline Solids</i> , 2016, 450, 149-155.	1.5	27
26	Luminescence quenching versus enhancement in WO ₃ -NaPO ₃ glasses doped with trivalent rare earth ions and containing silver nanoparticles. <i>Optical Materials</i> , 2016, 60, 331-340.	1.7	27
27	Plasmon Assisted Luminescence in Rare Earth Doped Glasses. <i>International Journal of Behavioral and Consultation Therapy</i> , 2016, , 339-386.	0.4	0
28	The effect of semi-infinite crystalline electrodes on transmission of gold atomic wires using DFT. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2016, 79, 8-12.	1.3	4
29	Origins of the broadening in 1.5 μ m emission of Er ³⁺ -doped glasses. <i>Journal of Molecular Structure</i> , 2015, 1100, 415-420.	1.8	6
30	New fluorophosphate glasses co-doped with Eu ³⁺ and Tb ³⁺ as candidates for generating tunable visible light. <i>Journal of Alloys and Compounds</i> , 2015, 647, 315-321.	2.8	28
31	Spectroscopic properties of Tb ³⁺ -doped lead zinc phosphate glass for green solid state laser. <i>Journal of Non-Crystalline Solids</i> , 2015, 420, 21-25.	1.5	47
32	Concentration effect on the spectroscopic behavior of Tb ³⁺ ions in zinc phosphate glasses. <i>Journal of Luminescence</i> , 2015, 165, 77-84.	1.5	82
33	Structural and spectroscopic characteristics of Eu ³⁺ -doped tungsten phosphate glasses. <i>Optical Materials</i> , 2015, 45, 185-190.	1.7	53
34	Influence of silver nanoparticles on the luminescence dynamics of Dy ³⁺ doped amorphous matrix. <i>Measurement: Journal of the International Measurement Confederation</i> , 2015, 74, 87-91.	2.5	10
35	Enhanced green emission of terbium-ions-doped phosphate glass embedding metallic nanoparticles. <i>Journal of Nanophotonics</i> , 2015, 9, 093068.	0.4	5
36	Er ³⁺ -doped zinc tellurite glasses revisited: Concentration dependent chemical durability, thermal stability and spectroscopic properties. <i>Journal of Non-Crystalline Solids</i> , 2015, 429, 70-78.	1.5	36

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37	Photoluminescence study of Sm ³⁺ –Yb ³⁺ -co-doped tellurite glass embedding silver nanoparticles. <i>Journal of Luminescence</i> , 2015, 159, 100-104.	1.5	27
38	Spectroscopic investigation and Judd–Ofelt analysis of silver nanoparticles embedded Er ³⁺ -doped tellurite glass. <i>Current Applied Physics</i> , 2015, 15, 1-7.	1.1	57
39	Enhanced green and red upconversion emissions in Er ³⁺ -doped boro-tellurite glass containing gold nanoparticles. <i>Journal of Molecular Structure</i> , 2015, 1079, 347-352.	1.8	34
40	Plasmon enhanced scattering and fluorescence in amorphous matrix. <i>International Journal of Materials Research</i> , 2014, 105, 1136-1139.	0.1	0
41	Growth of Au Nanoparticles Stimulate Spectroscopic Properties of Er ³⁺ -Doped TeO ₂ -ZnO-Na ₂ O Glasses. <i>Advanced Materials Research</i> , 2014, 895, 254-259.	0.3	7
42	Silver nanoparticles enhanced luminescence of Eu ³⁺ -doped tellurite glass. <i>Journal of Luminescence</i> , 2014, 154, 316-321.	1.5	48
43	Nano-silver enhanced luminescence of Eu ³⁺ -doped lead tellurite glass. <i>Journal of Molecular Structure</i> , 2014, 1065-1066, 39-42.	1.8	37
44	Optical and structural investigations of self-assembled Ge/Si bi-layer containing Ge QDs. <i>Journal of Luminescence</i> , 2014, 154, 51-57.	1.5	10
45	Enhanced upconversion emission of Dy ³⁺ -doped tellurite glass by heat-treated silver nanoparticles. <i>Journal of Luminescence</i> , 2014, 154, 218-223.	1.5	35
46	Plasmonic effect of silver nanoparticles on the upconversion emissions of Sm ³⁺ -doped sodium-borosilicate glass. <i>Measurement: Journal of the International Measurement Confederation</i> , 2014, 56, 117-120.	2.5	13
47	Synthesis and characterization of Dy ³⁺ doped zinc–lead-phosphate glass. <i>Optical Materials</i> , 2013, 35, 1103-1108.	1.7	90
48	Concentration dependent luminescence quenching of Er ³⁺ -doped zinc boro-tellurite glass. <i>Journal of Luminescence</i> , 2013, 144, 139-145.	1.5	160
49	Structural and optical study of samarium doped lead zinc phosphate glasses. <i>Optics Communications</i> , 2013, 300, 204-209.	1.0	87
50	Silver nanoparticles enhanced luminescence of Er ³⁺ ions in boro-tellurite glasses. <i>Materials Letters</i> , 2013, 112, 136-138.	1.3	55
51	Enhanced spectroscopic properties and Judd–Ofelt parameters of Er ³⁺ -doped tellurite glass: Effect of gold nanoparticles. <i>Current Applied Physics</i> , 2013, 13, 1813-1818.	1.1	64
52	Plasmon-Enhanced Upconversion Fluorescence in Er ³⁺ :Ag Phosphate Glass: the Effect of Heat Treatment. <i>Chinese Physics Letters</i> , 2013, 30, 027301.	1.3	19
53	Plasmonic enhanced luminescence in Er ³⁺ :Ag co-doped tellurite glass. <i>Journal of Molecular Structure</i> , 2013, 1033, 79-83.	1.8	46
54	Annealing time dependent up-conversion luminescence enhancement in magnesium–tellurite glass. <i>Journal of Luminescence</i> , 2013, 136, 145-149.	1.5	35

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55	Surface enhanced Raman scattering and up-conversion emission by silver nanoparticles in erbium-zinc tellurite glass. <i>Journal of Luminescence</i> , 2013, 143, 368-373.	1.5	83
56	Effect of AgCl on spectroscopic properties of erbium doped zinc tellurite glass. <i>Journal of Molecular Structure</i> , 2013, 1035, 6-12.	1.8	87
57	Surface enhanced Raman scattering and plasmon enhanced fluorescence in zinc-tellurite glass. <i>Optics Express</i> , 2013, 21, 14282.	1.7	71
58	Spectroscopic Investigation of Rare-Earth Doped Phosphate Glasses Containing Silver Nanoparticles. <i>Acta Physica Polonica A</i> , 2013, 123, 746-749.	0.2	2
59	Efficient infrared-to-visible upconversion emission in Nd ³⁺ -doped PbO-TeO ₂ glass containing silver nanoparticles. <i>Journal of Applied Physics</i> , 2013, 114, 113105.	1.1	32
60	Spectral investigation of Sm ³⁺ /Yb ³⁺ -co-doped sodium tellurite glass. <i>Chinese Optics Letters</i> , 2013, 11, 061605-61608.	1.3	30
61	Substrate Temperature Dependent Surface Morphology and Photoluminescence of Germanium Quantum Dots Grown by Radio Frequency Magnetron Sputtering. <i>International Journal of Molecular Sciences</i> , 2012, 13, 12880-12889.	1.8	10
62	Optical Investigation of Sm ³⁺ Doped Zinc-Lead-Phosphate Glass. <i>Chinese Physics Letters</i> , 2012, 29, 087304.	1.3	29
63	Enhanced frequency upconversion in Er ³⁺ -doped sodium lead tellurite glass containing silver nanoparticles. <i>European Physical Journal D</i> , 2012, 66, 1.	0.6	44
64	Enhanced infrared to visible upconversion emission in Er ³⁺ doped phosphate glass: Role of silver nanoparticles. <i>Journal of Luminescence</i> , 2012, 132, 2714-2718.	1.5	70
65	Up-conversion enhancement in Er ³⁺ -Ag co-doped zinc tellurite glass: Effect of heat treatment. <i>Journal of Non-Crystalline Solids</i> , 2012, 358, 2939-2942.	1.5	47
66	Structural and Optical Behavior of Germanium Quantum Dots. <i>Chinese Physics Letters</i> , 2012, 29, 118101.	1.3	7
67	A Model for Enhanced Up-Conversion Luminescence in Erbium-Doped Tellurite Glass Containing Silver Nanoparticles. <i>Advanced Materials Research</i> , 0, 501, 61-65.	0.3	16