

# Cristian Leostean

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/4476871/cristian-leostean-publications-by-year.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

38  
papers

772  
citations

17  
h-index

27  
g-index

41  
ext. papers

925  
ext. citations

4.1  
avg, IF

3.85  
L-index

#	Paper	IF	Citations
38	Synthesis and characterization of Fe <sub>3</sub> O <sub>4</sub> @SnS:Mn nanocomposites for biomedical applications. <i>Materials Chemistry and Physics</i> , <b>2021</b> , 264, 124474	4.4	0
37	Interplay between ferromagnetism and photocatalytic activity generated by Fe <sup>3+</sup> ions in iron doped ZnO nanoparticles grown on MWCNTs. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , <b>2021</b> , 129, 114581	3	7
36	Spin transfer and proximity effects in case of FePt (L10) nanoparticles coated with P3HT. <i>AIP Advances</i> , <b>2020</b> , 10, 055215	1.5	3
35	Interface tailoring of SnO <sub>2</sub> @TiO <sub>2</sub> photocatalysts modified with anionic/cationic surfactants. <i>Journal of Materials Science</i> , <b>2020</b> , 55, 3279-3298	4.3	4
34	Starch-coated green synthesized magnetite nanoparticles for removal of textile dye Optilan Blue from aqueous media. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2019</b> , 100, 65-73	5.3	23
33	Photocatalytic activity of SnO-TiO composite nanoparticles modified with PVP. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 542, 296-307	9.3	47
32	Data on the removal of Optilan Blue dye from aqueous media using starch-coated green synthesized magnetite nanoparticles. <i>Data in Brief</i> , <b>2019</b> , 25, 104165	1.2	6
31	Efficient photocatalytic removal of RhB using magnetic Fe <sub>3</sub> O <sub>4</sub> @SnO <sub>2</sub> nanocomposites containing Sn <sup>2+</sup> interstitial impurities. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2018</b> , 29, 14132-14143	2.1	7
30	Effects of Co for Mn substitution on the electronic properties of Mn <sub>2-x</sub> CoxVAI as probed by XPS. <i>Intermetallics</i> , <b>2018</b> , 93, 155-161	3.5	10
29	Fe <sub>3</sub> O <sub>4</sub> -TiO <sub>2</sub> : Gd nanoparticles with enhanced photocatalytic activity and magnetic recyclability. <i>Powder Technology</i> , <b>2018</b> , 325, 441-451	5.2	23
28	New properties of Fe <sub>3</sub> O <sub>4</sub> @SnO <sub>2</sub> core shell nanoparticles following interface charge/spin transfer. <i>Applied Surface Science</i> , <b>2018</b> , 427, 192-201	6.7	29
27	Preparation and characterisation of WC-10Co powders obtained by aqueous milling. <i>Ceramics International</i> , <b>2018</b> , 44, 22935-22942	5.1	3
26	Green methodology for the preparation of chitosan/graphene nanomaterial through electrochemical exfoliation and its applicability in Sunset Yellow detection. <i>Electrochimica Acta</i> , <b>2018</b> , 283, 578-589	6.7	37
25	Electrochemical platform based on nitrogen-doped graphene/chitosan nanocomposite for selective Pb detection. <i>Nanotechnology</i> , <b>2017</b> , 28, 114001	3.4	24
24	Removal of antibiotics from aqueous solutions by green synthesized magnetite nanoparticles with selected agro-waste extracts. <i>Chemical Engineering Research and Design</i> , <b>2017</b> , 107, 357-372	5.5	78
23	Effect of annealing on the structure and magnetic properties of CoFe <sub>2</sub> O <sub>4</sub> :SiO <sub>2</sub> nanocomposites. <i>Ceramics International</i> , <b>2017</b> , 43, 9145-9152	5.1	25
22	Structure and magnetic properties of CoFe <sub>2</sub> O <sub>4</sub> /SiO <sub>2</sub> nanocomposites obtained by sol-gel and post annealing pathways. <i>Ceramics International</i> , <b>2017</b> , 43, 2113-2122	5.1	34

21	Magnetic recoverable Fe <sub>3</sub> O <sub>4</sub> -TiO <sub>2</sub> :Eu composite nanoparticles with enhanced photocatalytic activity. <i>Applied Surface Science</i> , <b>2016</b> , 390, 248-259	6.7	38
20	Interface charge transfer process in ZnO:Mn/ZnS nanocomposites. <i>Journal of Nanoparticle Research</i> , <b>2016</b> , 18, 1	2.3	12
19	The status of molybdenum ions in the lead dioxide-lead glasses and vitroc ceramics. <i>Journal of Non-Crystalline Solids</i> , <b>2016</b> , 453, 36-41	3.9	0
18	Structural and magnetic properties of Co <sub>x</sub> Fe <sub>3-x</sub> O <sub>4</sub> versus Co/Fe molar ratio. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2015</b> , 394, 111-116	2.8	32
17	Electrostatic vs steric stabilization of Fe <sub>3</sub> O <sub>4</sub> and Co <sub>0.5</sub> Fe <sub>2.5</sub> O <sub>4</sub> nanoparticles <b>2015</b> ,		1
16	The influence of TiO <sub>2</sub> concentration in some calcium-phosphate glasses. <i>Physica B: Condensed Matter</i> , <b>2014</b> , 438, 84-87	2.8	7
15	Synthesis and characterization of Fe <sub>3</sub> O <sub>4</sub> @ZnS and Fe <sub>3</sub> O <sub>4</sub> @Au@ZnS core-shell nanoparticles. <i>Applied Surface Science</i> , <b>2014</b> , 288, 180-192	6.7	42
14	Synthesis and characterization of Fe <sub>3</sub> O <sub>4</sub> @TiO <sub>2</sub> core-shell nanoparticles. <i>Journal of Applied Physics</i> , <b>2014</b> , 116, 114312	2.5	72
13	Spin dynamics evidenced by EPR in Sn <sub>1-x</sub> Mn <sub>x</sub> O <sub>2</sub> nanoparticles annealed at different temperatures. <i>Journal of Alloys and Compounds</i> , <b>2013</b> , 551, 300-305	5.7	4
12	The modifier/former role of MoO <sub>3</sub> in some calcium-phosphate glasses. <i>Journal of Alloys and Compounds</i> , <b>2013</b> , 556, 67-70	5.7	31
11	The influence of milling and annealing on the structural and magnetic behavior of Nd <sub>2</sub> Fe <sub>14</sub> B/Fe magnetic nanocomposite. <i>Journal of Alloys and Compounds</i> , <b>2013</b> , 581, 821-827	5.7	7
10	Synthesis and characterization of Fe <sub>3</sub> O <sub>4</sub> based multishell magnetic nanoparticles. <i>Journal of Alloys and Compounds</i> , <b>2013</b> , 574, 477-485	5.7	15
9	New versatile polydopamine coated functionalized magnetic nanoparticles. <i>Materials Chemistry and Physics</i> , <b>2013</b> , 138, 295-302	4.4	50
8	Properties of Eu doped TiO <sub>2</sub> nanoparticles prepared by using organic additives. <i>Journal of Alloys and Compounds</i> , <b>2013</b> , 575, 29-39	5.7	36
7	Interface charge transfer in polypyrrole coated perovskite manganite magnetic nanoparticles. <i>Journal of Applied Physics</i> , <b>2012</b> , 111, 044309	2.5	11
6	Magnetization enhancement of magnetic nanoparticles coated with polypyrrole <b>2012</b> ,		2
5	Comparative study of core-shell iron/iron oxide gold covered magnetic nanoparticles obtained in different conditions. <i>Journal of Nanoparticle Research</i> , <b>2011</b> , 13, 6181-6192	2.3	20
4	Synthesis and Characterization of Magnetically Controllable Nanostructures Using Different Polymers <b>2010</b> ,		2

3	Synthesis and characterization of the core-shell Au covered LSMO manganite magnetic nanoparticles. <i>Synthetic Metals</i> , <b>2010</b> , 160, 1692-1698	3.6	15
2	Novel magnetic core-shell polypyrrole-Fe <sub>3</sub> O <sub>4</sub> nanoparticles functionalized by peptides or albumin. <i>Arkivoc</i> , <b>2010</b> , 2010, 185-198	0.9	9
1	Surface initiated ring-opening polymerization of lactones on iron oxide nanoparticles. <i>Journal of Physics: Conference Series</i> , <b>2009</b> , 182, 012070	0.3	5