

Katarzyna Szyszka

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1726699/publications.pdf>

Version: 2024-02-01

21
papers

389
citations

566801

15
h-index

752256

20
g-index

24
all docs

24
docs citations

24
times ranked

442
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Influence of the fluorine ion content on luminescence properties of the Eu ^{III} -doped silicate-substituted apatite. <i>Journal of Alloys and Compounds</i> , 2022, 911, 164985. | 2.8 | 3 |
| 2 | Anomalous luminescence properties and cytotoxicity assessment of Sr ₃ (PO ₄) ₂ co-doped with Eu ^{2+/3+} ions for luminescence temperature sensing. <i>Journal of Materials Chemistry C</i> , 2022, 10, 9092-9105. | 2.7 | 8 |
| 3 | Quenching of the Eu ³⁺ Luminescence by Cu ²⁺ Ions in the Nanosized Hydroxyapatite Designed for Future Bio-Detection. <i>Nanomaterials</i> , 2021, 11, 464. | 1.9 | 17 |
| 4 | Influence of vanadium concentration on up-conversion luminescence in Er ³⁺ –Yb ³⁺ and Tm ³⁺ –Yb ³⁺ ions pair co-doped YVxP1~xO4 solid state solution. <i>Journal of Alloys and Compounds</i> , 2021, 884, 161022. | 2.8 | 8 |
| 5 | A Study of the Impact of Graphene Oxide on Viral Infection Related to A549 and TC28a2 Human Cell Lines. <i>Materials</i> , 2021, 14, 7788. | 1.3 | 6 |
| 6 | Preparation and preliminary evaluation of bio-nanocomposites based on hydroxyapatites with antibacterial properties against anaerobic bacteria. <i>Materials Science and Engineering C</i> , 2020, 106, 110295. | 3.8 | 21 |
| 7 | Structural modification of nanohydroxyapatite Ca ₁₀ (PO ₄) ₆ (OH) ₂ related to Eu ³⁺ and Sr ²⁺ ions doping and its spectroscopic and antimicrobial properties. <i>Journal of Inorganic Biochemistry</i> , 2020, 203, 110884. | 1.5 | 30 |
| 8 | Strontium Phosphate Composite Designed to Red-Emission at Different Temperatures. <i>Materials</i> , 2020, 13, 4468. | 1.3 | 6 |
| 9 | The Comprehensive Approach to Preparation and Investigation of the Eu ³⁺ Doped Hydroxyapatite/poly(L-lactide) Nanocomposites: Promising Materials for Theranostics Application. <i>Nanomaterials</i> , 2019, 9, 1146. | 1.9 | 18 |
| 10 | A new approach to spectroscopic and structural studies of the nano-sized silicate-substituted hydroxyapatite doped with Eu ³⁺ ions. <i>Dalton Transactions</i> , 2019, 48, 8303-8316. | 1.6 | 19 |
| 11 | New approach to modification of poly (l-lactic acid) with nano-hydroxyapatite improving functionality of human adipose-derived stromal cells (hASCs) through increased viability and enhanced mitochondrial activity. <i>Materials Science and Engineering C</i> , 2019, 98, 213-226. | 3.8 | 24 |
| 12 | Preparation and antimicrobial activity of the porous hydroxyapatite nanoceramics. <i>Journal of Alloys and Compounds</i> , 2018, 748, 179-187. | 2.8 | 25 |
| 13 | Preferential site occupancy of Eu ³⁺ ions in strontium hydroxyapatite nanocrystalline “Sr ₁₀ (PO ₄) ₆ (OH) ₂ ” structural and spectroscopic characterisation. <i>Dalton Transactions</i> , 2017, 46, 3265-3275. | 1.6 | 26 |
| 14 | Preparation of up-converting nano-biphasic calcium phosphate. <i>RSC Advances</i> , 2017, 7, 30086-30095. | 1.7 | 10 |
| 15 | Effects of crystalline growth on structural and luminescence properties of Ca _{10~3x} Eu _{2x} (PO ₄) ₆ F ₂ nanoparticles fabricated by using a microwave driven hydrothermal process. <i>CrystEngComm</i> , 2017, 19, 6936-6949. | 1.3 | 19 |
| 16 | Forgotten and Resurrected Chernovite-(Y): YAsO ₄ Doped with Eu ³⁺ Ions as a Potential Nanosized Luminophore. <i>Inorganic Chemistry</i> , 2017, 56, 10914-10925. | 1.9 | 19 |
| 17 | Influence of annealing temperature on the spectroscopic properties of hydroxyapatite analogues doped with Eu ³⁺ . <i>New Journal of Chemistry</i> , 2017, 41, 9990-9999. | 1.4 | 21 |
| 18 | Cytotoxicity Evaluation of High-Temperature Annealed Nanohydroxyapatite in Contact with Fibroblast Cells. <i>Materials</i> , 2017, 10, 590. | 1.3 | 24 |

| # | ARTICLE | IF | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Effect of lithium substitution on the charge compensation, structural and luminescence properties of nanocrystalline $\text{Ca}_{10}(\text{PO}_4)_6\text{F}_2$ activated with Eu^{3+} ions. <i>CrystEngComm</i> , 2016, 18, 3447-3455. | 1.3 | 39 |
| 20 | An up-converting $\text{HAP}@^{12}\text{-TCP}$ nanocomposite activated with $\text{Er}^{3+}/\text{Yb}^{3+}$ ion pairs for bio-related applications. <i>RSC Advances</i> , 2015, 5, 27610-27622. | 1.7 | 25 |
| 21 | Temperature induced emission quenching processes in Eu^{3+} -doped $\text{La}_2\text{CaB}_{10}\text{O}_{19}$. <i>Journal of Materials Chemistry</i> , 2012, 22, 22651. | 6.7 | 20 |