

Andrii Chepok

List of Publications by Year in descending order

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Version: 2024-02-01

6
papers

150
citations

1936888

4
h-index

2053342

5
g-index

6
all docs

6
docs citations

6
times ranked

108
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|--|-----|-----------|
| 1 | Surface and volume plasmons in metallic nanospheres in a semiclassical RPA-type approach: Near-field coupling of surface plasmons with the semiconductor substrate. <i>Physical Review B</i> , 2010, 82, . | 1.1 | 55 |
| 2 | Radius dependent shift in surface plasmon frequency in large metallic nanospheres: Theory and experiment. <i>Journal of Applied Physics</i> , 2010, 107, 124317. | 1.1 | 44 |
| 3 | Undamped collective surface plasmon oscillations along metallic nanosphere chains. <i>Journal of Applied Physics</i> , 2010, 108, 084304. | 1.1 | 27 |
| 4 | Plasmon-Polariton Properties in Metallic Nanosphere Chains. <i>Materials</i> , 2015, 8, 3910-3937. | 1.3 | 22 |
| 5 | A theory of plasma oscillations in metallic nanoparticles. <i>Low Temperature Physics</i> , 2009, 35, 383-393. | 0.2 | 2 |
| 6 | On weakly damped EM energy transport along linear Ag nano-waveguides through L-comers and T-junctions. , 2018, , . | | 0 |