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Impaktní faktory fyzikálních časopisů v roce 2009

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# Impaktní faktory fyzikálních časopisů v roce 2009

V následující tabulce jsou uvedeny impaktní faktory, pětileté impaktní faktory a citační poločasy všech důležitých fyzikálních časopisů v roce 2009.

JOURNAL ABBREVIATION	IMPACT FACTOR	5-YEAR IMPACT FACTOR	CITED HALF-LIFE	JOURNAL ABBREVIATION	IMPACT FACTOR	5-YEAR IMPACT FACTOR	CITED HALF-LIFE
ACTA PHYS POL A	0.321	0.324	6.8	CLASSICAL QUANT GRAV	3.035	2.547	4.8
ACTA PHYS POL B	0.767	0.591	5.0	COMMUN COMPUT PHYS	2.330	2.447	2.0
ACTA PHYS SIN-CH ED	1.165	1.023	3.3	COMMUN MATH PHYS	2.075	2.182	>10
ACTA PHYS SLOVACA	0.724	0.567	5.1	COMMUN THEOR PHYS	0.719	0.676	3.7
ADV APPL CLIFFORD AL	0.396			COMPUT PHYS COMMUN	2.120	2.038	9.1
ADV ATOM MOL OPT PHY	2.762	3.109	9.2	CONCEPT MAGN RESON A	1.431	2.236	4.2
ADV FUNCT MATER	6.808	8.203	3.3	CONCEPT MAGN RESON B	0.979	1.103	3.5
ADV PHYS	15.826	13.353	>10	CONDENS MATTER PHYS	0.488		4.5
ADV THEOR MATH PHYS	2.075		>10	CONTEMP PHYS	2.073	3.736	7.5
AM J PHYS	0.831	0.977	>10	CONTRIB PLASM PHYS	1.250	1.008	5.0
ANN HENRI POINCARÉ	1.234	0.936	5.0	CR PHYS	1.164	1.196	4.1
ANN PHYS-BERLIN	1.161	1.250	>10	CRIT REV SOLID STATE	6.300	7.385	6.9
ANN PHYS-NEW YORK	3.171	3.040	>10	CRYOGENICS	0.915	1.018	9.9
ANN PHYS-PARIS	0.180	0.373	>10	CURR APPL PHYS	1.526	1.466	3.3
ANNU REV FLUID MECH	9.314	13.306	>10	CURR OPIN SOLID ST M	2.976	4.867	6.6
ANNU REV NUCL PART S	9.893	10.103	7.7	CZECH J PHYS	0.574	0.440	5.5
APPL COMPUT HARMON	A2.344	2.635	7.1	DOKL PHYS	0.289	0.307	4.6
APPL MAGN RESON	0.748	0.697	6.5	ENERG CONVERS MANAGE	1.813	2.290	5.3
APPL PHYS A-MATER	1.884	2.013	5.7	EPL-EUROPHYS LETT	2.203	2.137	6.1
APPL PHYS B-LASERS O	2.167	2.167	5.7	EUR J MASS SPECTROM	1.167	1.069	4.3
APPL PHYS EXPRESS			0.5	EUR J MECH B-FLUID	1.379	1.339	6.4
APPL PHYS LETT	3.726	4.096	5.4	EUR J PHYS	0.625	0.601	5.9
APPL SURF SCI	1.576	1.611	4.9	EUR PHYS J A	2.015	1.492	3.8
ASTROPART PHYS	3.388	3.050	4.9	EUR PHYS J B	1.568	1.553	5.8
ATOM DATA NUCL DATA	1.463	2.793	>10	EUR PHYS J C	2.805	2.745	4.7
ATOMIZATION SPRAY	0.494	0.612	>10	EUR PHYS J D	1.397	1.563	4.6
BIOMICROFLUIDICS	2.318	2.318		EUR PHYS J E	1.943	2.306	5.2
BRAZ J PHYS	0.512	0.500	4.3	EUR PHYS J-APPL PHYS	0.822	0.842	4.7
CAN J PHYS	0.676	0.755	>10	EUR PHYS J-SPEC TOP	0.689	0.689	1.3
CENT EUR J PHYS	0.448	0.504	3.2	EXP THERM FLUID SCI	1.037	1.256	6.9
CHAOS	2.152	2.197	5.9	FERROELECTRICS	0.562	0.507	>10
CHAOS SOLITON FRACT	2.980	2.915	3.5	FERROELECTRICS LETT	0.375	0.549	>10
CHEM PHYS	1.961	1.914	8.8	FEW-BODY SYST	1.014	0.862	6.2
CHEM PHYS LETT	2.169	2.341	8.7	FLUCT NOISE LETT	0.618	0.650	4.3
CHEM VAPOR DEPOS	1.483	1.688	5.0	FLUID DYN RES	1.012	1.179	7.5
CHEMPHYS-CHEM	3.636	3.739	3.5	FORTSCHR PHYS	1.309	0.928	8.1
CHINESE J CHEM PHYS	0.455	0.334	3.8	FOUND PHYS	0.829	0.734	9.4
CHINESE J PHYS	0.270	0.309	6.5	FULLER NANOTUB CAR N	0.680	0.550	3.4
CHINESE PHYS	1.680	1.505	3.0	GEN RELAT GRAVIT	1.803	1.449	>10
CHINESE PHYS B			0.5	GRANUL MATTER	1.324	1.618	4.9
CHINESE PHYS LETT	0.743	0.730	3.3	HIGH ENERG PHYS NUC	0.260	0.216	3.7

JOURNAL ABBREVIATION	IMPACT FACTOR	5-YEAR IMPACT FACTOR	CITED HALF-LIFE	JOURNAL ABBREVIATION	IMPACT FACTOR	5-YEAR IMPACT FACTOR	CITED HALF-LIFE
HIGH PRESSURE RES	0.852	0.866	7.9	J GEOM PHYS	0.683	0.790	6.7
HIGH TEMP+	0.469	0.434	9.6	J HIGH ENERGY PHYS	5.375	4.489	3.2
IEEE J QUANTUM ELECT	2.413	2.300	>10	J HYPERBOL DIFFER EQ	0.590	0.795	3.6
IEEE PHOTONIC TECH L	2.173	2.143	4.8	J LOW TEMP PHYS	1.034	0.803	9.1
IEEE SENS J	1.610	1.818	3.6	J MAGN MAGN MATER	1.283	1.342	6.8
IEEE T APPL SUPERCON	0.919	0.787	4.1	J MAGN RESON	2.438	2.512	9.6
IEEE T DEVICE MAT RE	1.278	2.145	3.7	J MATER SCI-MATER EL	1.054	0.981	4.7
IEEE T DIELECT EL IN	1.037	1.473	6.5	J MATH FLUID MECH	0.940		4.0
IEEE T ELECTRON DEV	2.730	2.797	7.7	J MATH PHYS	1.085	1.117	>10
IEEE T MAGN	1.129	1.147	8.2	J MECH PHYS SOLIDS	3.467	4.447	>10
IEEE T NANOTECHNOL	2.154	2.583	3.7	J MOL LIQ	1.188	1.062	5.0
IEEE T PLASMA SCI	1.447	1.457	6.8	J MOL SPECTROSC	1.636	1.313	>10
IEEE T SEMICONDUCT M	0.957	1.278	7.5	J NANOELECTRON OPTOE	1.038	1.038	
INDIAN J PHYS	0.175	0.216	7.5	J NANOSCI NANOTECHNO	1.929	2.100	2.6
INDIAN J PURE AP PHY	0.338	0.407	>10	J NONCOMMUT GEOM	0.857	0.857	
INFIN DIMENS ANAL QU	0.986	0.966	>10	J NONLINEAR MATH PHY	0.760	0.483	4.7
INFRARED PHYS TECHN	1.037	1.099	7.6	J NONLINEAR OPT PHYS	0.667	0.580	6.3
INT J APPL ELECTROM	0.255	0.312	6.4	J NONLINEAR SCI	1.780	1.914	7.1
INT J COMPUT FLUID D	0.430	0.677	5.3	J OPTOELECTRON ADV M	0.577	0.587	2.9
INT J GEOM METHODS M	1.464		2.0	J PHYS A-MATH THEOR	1.540	1.515	7.3
INT J HYDROGEN ENERG	3.452	4.028	4.4	J PHYS B-AT MOL OPT	2.089	1.881	9.1
INT J INFRARED MILLI	0.692	0.478	6.7	J PHYS CHEM A	2.871	2.889	5.5
INT J MASS SPECTROM	2.445	2.238	6.7	J PHYS CHEM REF DATA	2.424	3.597	>10
INT J MOD PHYS A	0.982	0.874	5.7	J PHYS CHEM SOLIDS	1.103	1.256	>10
INT J MOD PHYS B	0.558	0.473	5.9	J PHYS D APPL PHYS	2.104	2.466	5.8
INT J MOD PHYS C	0.728	0.781	6.2	J PHYS G NUCL PARTIC	5.270	2.533	2.8
INT J MOD PHYS E	0.492	0.597	4.4	J PHYS IV	0.351	0.368	5.9
INT J NONLIN SCI NUM	8.479	5.916	2.3	J PHYS SOC JPN	2.058	1.663	>10
INT J NUMER METH FL	0.916	1.151	8.3	J PHYS-CONDENS MAT	1.900	2.062	6.0
INT J PHOTOENERGY	0.881	1.086	4.3	J PLASMA PHYS	0.579	0.702	>10
INT J QUANTUM CHEM	1.317	1.221	9.3	J RES NATL INST STAN	0.842	1.250	>10
INT J QUANTUM INF	0.774		3.3	J SOC INF DISPLAY	1.017		3.4
INT J THEOR PHYS	0.675	0.616	9.5	J STAT MECH-THEORY E	2.758	2.742	2.4
INT J THERMOPHYS	0.889	0.960	7.8	J STAT PHYS	1.621	1.653	>10
INTEGR FERROELECTR	0.242	0.305	6.4	J SUPERCOND NOV MAGN	0.571	0.512	5.8
INVERSE PROBL	1.912	2.155	7.0	J SURF INVESTIG-X-RA	0.478	0.565	
INVERSE PROBL IMAG	1.119	1.119		J SYNCHROTRON RADIAT	2.333	2.629	6.2
IONICS	0.773	0.563	5.3	J TURBUL	1.760	1.619	4.3
J APPL PHYS	2.201	2.479	8.2	J VAC SCI TECHNOL A	1.173	1.373	9.3
J CHEM PHYS	3.149	3.121	>10	J VAC SCI TECHNOL B	1.445	1.547	7.4
J COMPUT PHYS	2.279	2.967	>10	J X-RAY SCI TECHNOL	1.525		4.3
J COMPUT THEOR NANOS	1.256		2.2	JETP LETT+	1.418	1.187	>10
J COSMOL ASTROPART P	6.389	6.026	2.4	JPN J APPL PHYS	1.309	1.201	6.9
J ELECTROMAGNET WAVE	3.134	1.750	2.5	LASER PART BEAMS	4.420	2.516	3.0
J ELECTRON MATER	1.283	1.415	6.6	LASER PHOTONICS REV	4.357	4.357	
J EXP NANOSCI	1.103	1.138		LASER PHYS	0.777	0.575	4.6
J EXP THEOR PHYS+	0.892	0.859	>10	LETT MATH PHYS	0.916	0.997	>10
J FLUID MECH	2.315	2.714	>10	LOW TEMP PHYS+	0.780	0.638	7.0

JOURNAL ABBREVIATION	IMPACT FACTOR	5-YEAR IMPACT FACTOR	CITED HALF-LIFE	JOURNAL ABBREVIATION	IMPACT FACTOR	5-YEAR IMPACT FACTOR	CITED HALF-LIFE
MAT SCI ENG B-SOLID	1.577	1.643	5.3	PHYS LETT B	4.034	3.455	9.2
MAT SCI ENG R	12.619	20.328	6.8	PHYS PART NUCLEI+	1.015	0.644	6.3
MAT SCI SEMICON PROC	1.158	1.068	4.1	PHYS PLASMAS	2.427	2.203	5.3
MATER LETT	1.748	1.930	4.2	PHYS REP	18.522	16.368	8.7
MATH PHYS ANAL GEOM	0.647	0.911	5.4	PHYS REV A	2.908	2.921	8.2
METALLOFIZ NOV TEKH+	0.107	0.123	5.4	PHYS REV B	3.322	3.284	8.3
METROLOGIA	1.780	1.692	6.0	PHYS REV C	3.124	2.969	6.5
MICRO	0.586	0.422	6.1	PHYS REV D	5.050	4.299	6.0
MICROELECTRON ENG	1.583	1.573	4.2	PHYS REV E	2.508	2.566	6.1
MICROELECTRON RELIAB	1.290	1.182	4.8	PHYS REV LETT	7.180	7.134	7.3
MICROFLUID NANOFLUID	3.314	4.194	2.3	PHYS REV SPEC TOP-AC	1.551	1.466	3.8
MICROSYST TECHNOL	1.229	1.120	3.8	PHYS SCRIPTA	0.970	0.683	10.0
MOD PHYS LETT A	1.334	1.138	6.3	PHYS SOLID STATE+	0.682	0.654	>10
MOD PHYS LETT B	0.471	0.559	4.8	PHYS STATUS SOLIDI A	1.205	1.179	7.8
MODEL SIMUL MATER SC	1.388	1.620	5.3	PHYS STATUS SOLIDI B	1.166	1.058	7.0
MOL PHYS	1.478	1.506	>10	PHYS STATUS SOLIDI-R	2.147	2.147	1.4
MOL SIMULAT	1.325	1.296	4.7	PHYS TODAY	3.674	5.198	8.9
MRS BULL	5.290	5.343	5.8	PHYS WORLD	0.686	0.753	7.0
MULTISCALE MODEL SIM	1.726	2.473	3.4	PHYS-USP+	2.471	2.481	>10
NANO	1.110	1.110		PHYSICA A	1.441	1.434	6.0
NANOSC MICROSC THERM	1.000	1.020		PHYSICA B	0.822	0.782	6.5
NANOSCALE RES LETT	1.731	1.731	1.6	PHYSICA C	0.740	0.661	7.1
NANOTECHNOLOGY	3.446	3.727	2.9	PHYSICA D	1.926	2.120	>10
NAT MATER	23.132	25.759	3.6	PHYSICA E	1.230	1.000	4.3
NAT PHOTONICS	24.982	24.982	1.4	PLASMA CHEM PLASMA P	2.167	2.082	7.4
NAT PHYS	16.821	17.189	2.0	PLASMA DEVICES OPER	0.588	0.576	3.7
NEW J PHYS	3.440	3.544	2.8	PLASMA PHYS CONTR F	2.299	2.340	6.4
NONLINEARITY	1.359	1.425	7.1	PLASMA PHYS REP+	0.785	0.768	6.5
NUCL DATA SHEETS	3.404	2.309	6.2	PLASMA PROCESS POLYM	2.921	2.931	2.3
NUCL FUSION	2.730	2.513	7.3	PLASMA SCI TECHNOL	0.402	0.386	3.3
NUCL INSTRUM METH A	1.019	1.091	6.0	PLASMA SOURCES SCI T	2.685	2.637	5.7
NUCL INSTRUM METH B	0.999	1.065	6.5	PRAMANA-J PHYS	0.274	0.382	6.5
NUCL PHYS A	1.959	1.713	9.5	PROG ELECTROMAGN RES	4.735		1.8
NUCL PHYS B	4.158	3.818	>10	PROG NUCL MAG RES SP	6.162	6.420	9.0
NUKLEONIKA	0.267	0.312	6.6	PROG PART NUCL PHYS	3.860	3.304	5.4
NUOVO CIMENTO B	0.238	0.286	>10	PROG PHOTOVOLTAICS	2.652	2.569	4.3
OPEN SYST INF DYN	1.130	1.031	3.7	PROG SURF SCI	5.429	5.592	8.4
OPT LASER TECHNOL	0.892	0.833	4.8	PROG THEOR PHYS	1.661	1.689	>10
ORG ELECTRON	3.590	4.229	3.0	PROG THEOR PHYS SUPP	0.480	0.526	>10
PHASE TRANSIT	1.201	1.002	6.7	QUANTUM ELECTRON+	0.835	0.757	9.6
PHIL MAG LETT	1.548	1.631	7.2	QUANTUM INF COMPUT	3.379	2.959	4.2
PHILOS MAG	1.384	1.528	>10	QUANTUM INF PROCESS	0.947		4.6
PHOTONIC NANOSTRUCT	1.940		2.8	RADIAT EFF DEFECT S	0.415	0.487	>10
PHYS ATOM NUCL+	0.491	0.465	6.0	RADIAT PHYS CHEM	0.882	0.931	7.1
PHYS CHEM CHEM PHYS	4.064	3.139	4.6	REGUL CHAOTIC DYN	0.568	0.589	7.3
PHYS CHEM LIQ	0.621	0.634	7.4	REP MATH PHYS	0.576	0.600	>10
PHYS FLUIDS	1.738	2.097	>10	REP PROG PHYS	12.090	12.480	8.4
PHYS LETT A	2.174	1.961	7.5	REV MATH PHYS	1.258	1.377	7.2

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REV MEX FIS	0.262	0.240	4.9	STUD HIST PHILOS M P	0.562	0.904	5.3
REV MOD PHYS	33.985	40.395	>10	SUPERCOND SCI TECH	1.847	1.465	4.0
REV SCI INSTRUM	1.738	1.677	7.9	SUPERLATTICE MICROST	1.211	1.394	4.8
RIV NUOVO CIMENTO	1.647	2.556	>10	SURF COAT TECH	1.860	2.124	5.4
RUSS J MATH PHYS	0.944	0.980	4.0	SURF REV LETT	0.309	0.445	6.7
RUSS J PHYS CHEM B+	0.110	0.110		SURF SCI	1.731	1.787	9.9
SCI CHINA SER G	0.973	0.612	2.2	SURF SCI REP	12.808	18.898	8.0
SEMICOND SCI TECH	1.434	1.647	5.6	SYNTHETIC MET	1.962	1.675	8.5
SEMICONDUCT SEMIMET	0.000	0.660	>10	TECH PHYS LETT+	0.581	0.459	6.2
SEMICONDUCTORS+	0.565	0.562	5.8	TECH PHYS+	0.522	0.482	9.7
SENSOR LETT	1.160	1.278	2.6	THEOR COMP FLUID DYN	2.420	1.514	8.3
SIAM J APPL DYN SYST	1.211	1.903	3.8	THEOR MATH PHYS+	0.721	0.599	>10
SMALL	6.525	7.292	2.5	THIN SOLID FILMS	1.884	1.942	6.9
SOFT MATTER	4.586	4.890	2.0	TOP APPL PHYS	1.510	1.457	6.7
SOLID STATE COMMUN	1.557	1.632	>10	TRANSPORT THEOR STAT	0.353	0.325	>10
SOLID STATE ELECTRON	1.422	1.420	8.0	VACUUM	1.114	1.111	6.5
SOLID STATE IONICS	2.425	2.556	8.4	WAVE MOTION	1.391	1.445	8.7
SOLID STATE NUCL MAG	1.804	1.638	8.3	WAVE RANDOM COMPLEX	1.118	1.697	5.9
SOLID STATE SCI	1.742	1.960	4.4	Z NATURFORSCH A	0.737	0.775	>10
SOLID STATE TECHNOL	0.400	0.314	8.9				

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*Zpracoval Vojtěch Pravda*