Справка за изпълнение на минималните изисквания на БАН (А-Е) и допълнителните изисквания на ИОНХ (Ж)

за заемане на академичната длъжност **„доцент“**

на гл. ас. д-р Любомир Александров

Област 4. Природни науки, математика и информатика

Професионално направление 4.2. Химически науки

Таблица 1. Минимални изисквани точки по групи показатели за различните научни степени и академични длъжности

Група от показатели	**Съдържание**	**Доцент**	**Точки по показатели** на Любомир Александров
А	Показател 1	**50**	50
Б	Показател 2	**-**	-
В	Показатели 3 или 4	**100**	205
Г	Сума от показателите от 5 до 10	**220**	381
Д	Показател 11	**60**	566
Е	Сума от показателите от 12 до 20	**-**	-
Ж*	Сума от показателите от 21 до 29	**70**	281
		Общо 500 т.	**Общо 1483 т.**

* Допълнителни изисквания на ИОНХ към научната дейност на кандидатите за заемане на академичните длъжности "доцент" и "професор".

Таблица 2. Брой точки по показатели

Група от показатели	Показател	Брой точки	Точки по показатели на Любомир Александров
А	**1.** Дисертационен труд за присъждане на образователна и научна степен "доктор"	50	50
Б	**2.** Дисертационен труд за присъждане на научна степен „доктор на науките“	100	-
В	**3.** Хабилитационен труд – монография, или **4.** Хабилитационен труд - научни публикации в издания, които са реферирани и индексирани в световноизвестни бази данни с научна информация (Web of Science и/или Scopus)	100 за монография 25 за публ. в Q1 20 за публ. в Q2 15 за публ. в Q3 12 за публ. в Q4 10 за публ. в издание със SJR без IF	- 3x25=75 6x20=120 1x10=10 **всичко 205 т.**
Г	**5.** Публикувана монография, която не е представена като основен хабилитационен труд	30	-
	6. Публикувана книга на базата на защитен дисертационен труд за присъждане на образователна и научна степен „доктор“ или за присъждане на научна степен „доктор на науките“	20	-
	7. Научна публикация в издания, които са реферирани и индексирани в световноизвестни бази данни с научна информация (Web of Science и/или Scopus), **извън хабилитационния труд**	25 за публ. в Q1 20 за публ. в Q2 15 за публ. в Q3 12 за публ. в Q4 10 за публ. в издание със SJR без IF	8x25=200 4x20=80 3x15=45 3x12=36 2x10=20 **всичко 381 т.**
	8. Публикувана глава от книга или колективна монография	15	-
	9. Изобретение, патент или полезен модел, за което е издаден защитен документ по надлежния ред	25	-
	10. Публикувана заявка за патент или полезен модел	15	-
Д	**11.** Цитирания в научни издания, монографии, колективни томове и патенти, реферирани и индексирани в световноизвестни бази данни с научна информация (Web of Science и Scopus)	2	283x2=566
	12. Придобита научна степен „доктор на науките“	75	-
	13. Ръководство на успешно защитил докторант (n е броят съръководители	50/n**	-

	на съответния докторант)		
Е	**14.** Участие в национален научен или образователен проект	10	-
	15. Участие в международен научен или образователен проект	20	-
	16. Ръководство на национален научен или образователен проект	20	-
	17. Ръководство на българския екип в международен научен или образователен проект	50	-
	18. Привлечени средства по проекти, ръководени от кандидата	1 точка за всеки 5000 лв	-
	19. Публикуван университетски учебник или учебник, който се използва в училищната мрежа	40/n	-
	20. Публикувано университетско пособие или учебно пособие, което се използва в училищната мрежа	20/n	-
Ж*	**21.** Индекс по Хирш (H) **(Scopus)** H = 5 (минимум) за доцент H = 10 (минимум) за професор	Hx10	10x10=100
	22. Ръководство на успешно защитил докторант (n е броят съръководители на съответния докторант)	50/n**	-
	23. Участие в национален научен или образователен проект	10	14x10=140
	24. Участие в международен научен или образователен проект	20	1x20=20
	25. Ръководство на национален научен или образователен проект	20	1x20=20
	26. Ръководство на българския екип в международен научен или образователен проект	50	-
	27. Привлечени средства по проекти, ръководени от кандидата	1 точка за всеки 5000 лв	1
	28. Публикуван университетски учебник или учебник, който се използва в училищната мрежа	40/n	-
	29. Публикувано университетско учебно пособие или учебно пособие, което се използва в училищната мрежа	20/n	-

***** Допълнителни изисквания на ИОНХ към научната дейност на кандидатите за заемане на академичните длъжности "доцент" и "професор". Дейностите по показатели **22-29** от група **Ж** да не повтарят тези (**13-20**) от група **Е**.

****** Не се извършва деление на броя съръководители на докторанта, ако те са от различни научни области.

Списък с научни публикации в издания, които са реферирани и индексирани в световноизвестни бази данни с научна информация, по хабилитационния труд (група от показ. В, показател 4) на гл. ас. д-р Любомир Александров представени за участие в конкурса за „доцент“

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2. Y. Dimitriev, R. Yordanova, L. Aleksandrov, K. Kostov, “Boromolybdate glasses containing rare earth oxides”, Phys. Chem. Glasses: Eur. J. Glass Sci. Technol. B, 50 (3) (2009), 212-218. **Q2**

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11. N. Rangelova, L. Aleksandrov, Ts. Angelova, N. Georgieva, Synthesis, structure and properties of hybrids doped with copper ions in the silica-hydroxypropyl cellulose system, Bulgarian Chemical Communications, 50F (2018) 86-92. **Q4**

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2. Fabian, M., Svab, E., Krezhov, K. Neutron diffraction and RMC modeling of new amorphous molybdate system Journal of Physics: Conference Series 558(1), 2014 012017

3. Fabian, M., Svab, E. Formation of Mixed Bond-Angle Linkages in Zinc Boromolybdate Glasses Journal of the American Ceramic Society, 99 (7) (2016) 2292-2299.

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